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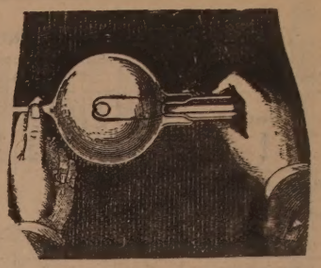
THE NEWSPAPER FOR
THE HOBBYIST OF VINTAGE
ELECTRONICS AND SOUND

THE HORN SPEAKER



Thomas Edison's incandescent lamp

1879-1979

MAKE OR BUY, '29

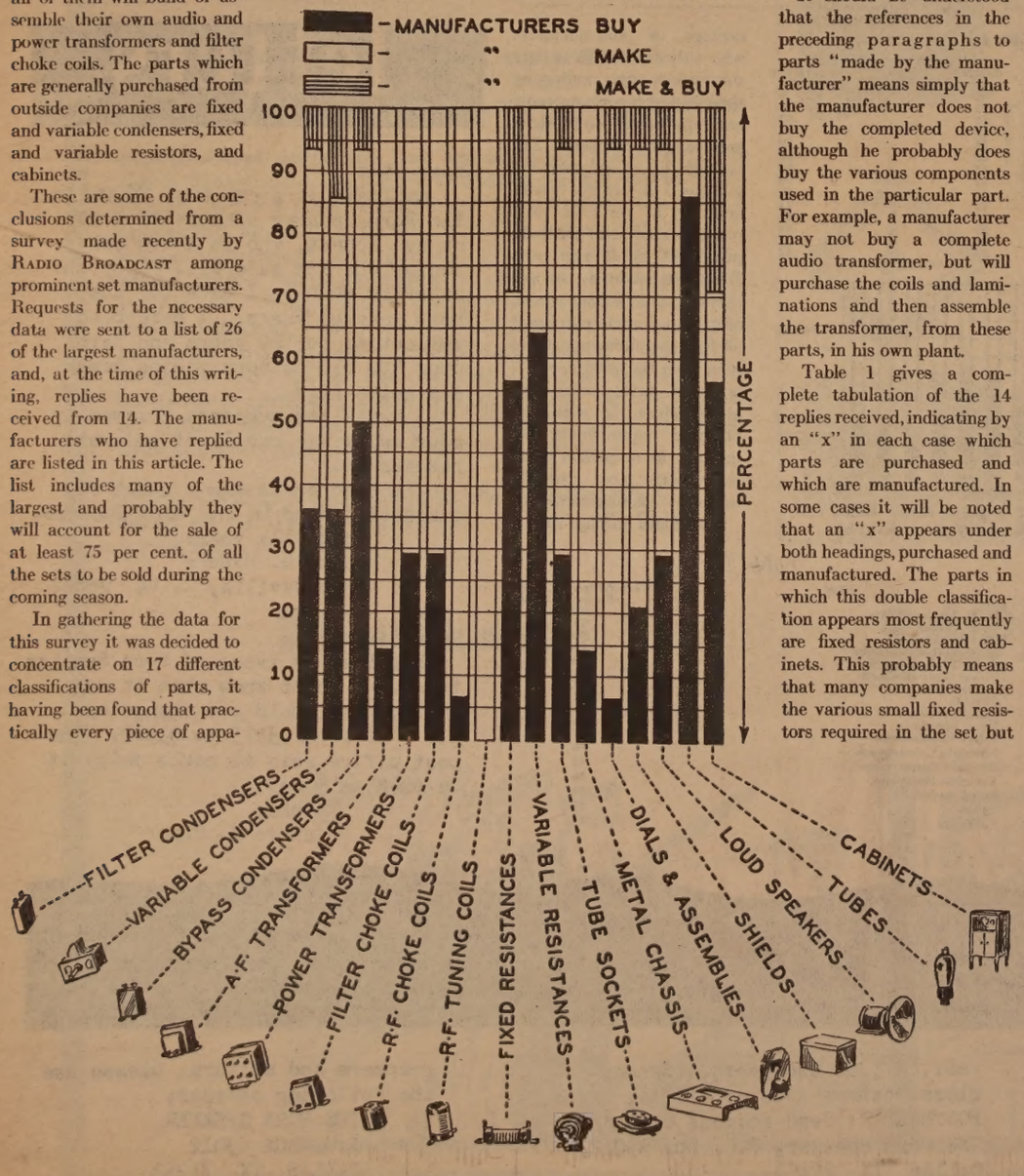
RADIO RECEIVER manufacturers will make in their own plants approximately 62 per cent. of the parts they require for use in their 1929–30 receivers. The remainder, or 38 per cent. of the parts, will be purchased from outside companies. All the manufacturers will build their own r. f. tuning coils and practically all of them will build or assemble their own audio and power transformers and filter choke coils. The parts which are generally purchased from outside companies are fixed and variable condensers, fixed and variable resistors, and cabinets.

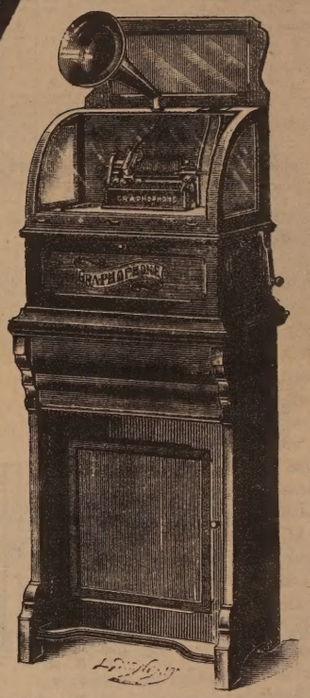
These are some of the conclusions determined from a survey made recently by RADIO BROADCAST among prominent set manufacturers. Requests for the necessary data were sent to a list of 26 of the largest manufacturers, and, at the time of this writing, replies have been received from 14. The manufacturers who have replied are listed in this article. The list includes many of the largest and probably they will account for the sale of at least 75 per cent. of all the sets to be sold during the coming season.

In gathering the data for this survey it was decided to concentrate on 17 different classifications of parts, it having been found that practically every piece of apparatus that is ordinarily employed in radio receiver construction would fall into one of these groups. The various classifications of parts are given in Table 1. The survey indicated wide variations in the practices of different companies. For example, one manufacturer makes 89 per cent. of all his parts and another prominent company makes only 6 per cent. of the parts, purchasing 94 per cent.

It should be understood that the references in the preceding paragraphs to parts "made by the manufacturer" means simply that the manufacturer does not buy the completed device, although he probably does buy the various components used in the particular part. For example, a manufacturer may not buy a complete audio transformer, but will purchase the coils and laminations and then assemble the transformer, from these parts, in his own plant.

Table 1 gives a complete tabulation of the 14 replies received, indicating by an "x" in each case which parts are purchased and which are manufactured. In some cases it will be noted that an "x" appears under both headings, purchased and manufactured. The parts in which this double classification appears most frequently are fixed resistors and cabinets. This probably means that many companies make the various small fixed resistors required in the set but





1898

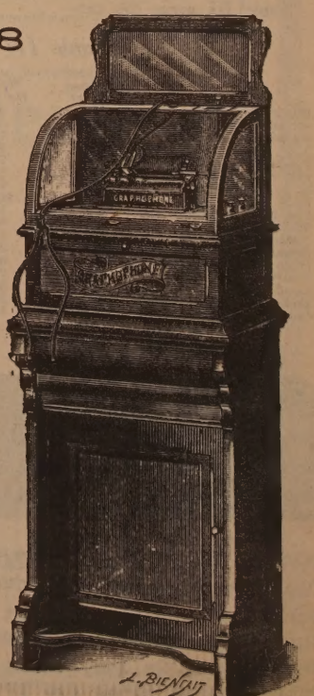


Table 1—Tabulation of Parts Made and Purchased by Manufacturers Covered by Survey

Manufacturer →	1		2		3		4		5		6		7		8		9		10		11		12		13		14	
Part ↓	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make	Purchase	Make
Filter Condensers	x		x			x	x	x		x		x		x		x	x			x	x			x		x	x	
Variable Condensers	x	x	x			x		x	x	x	x			x	x			x				x		x		x		x
By-pass Condensers	x		x		x			x		x		x		x		x	x			x				x	x	x	x	
A. F. Transformers		x	x			x		x		x		x	x			x		x		x		x		x		x		x
Power Transformers		x	x			x	x			x		x	x			x		x		x		x		x		x		x
Filter Choke Coils		x	x			x	x			x		x	x			x		x	x			x		x		x		x
R. F. Choke Coils		x	x			x		x		x		x		x		x		x		x		x		x		x		x
R. F. Tuning Coils		x		x		x		x		x		x		x		x		x		x		x		x		x		x
Fixed Resistances	x		x		x	x	x	x	x	x	x		x	x	x			x		x			x	x				x
Variable Resistances	x		x		x		x		x			x	x		x			x	x		x			x		x		x
Tube Sockets	x		x		x			x		x		x		x		x	x			x		x	x	x	x			x
Metal Chassis		x	x			x		x		x		x		x		x		x		x		x		x		x	x	
Dials and Assemblies		x	x			x		x	x	x		x		x		x		x		x		x		x		x		x
Shields		x	x			x		x		x		x	x	x		x		x	x			x		x		x	x	
Loud Speakers		x	x			x	x			x	x	x		x		x	x			x		x		x		x		x
Tubes	x		x			x		x	x			x		x		x		x		x		x		x		x		
Cabinets	x		x			x	x			x		x	x	x	x	x		x			x	x	x	x			x	x
Total	8	10	16	1	4	14	7	12	6	14	5	13	8	12	6	12	8	9	9	8	5	12	2	16	5	14	6	12

purchase from outside companies the large high-wattage resistors such as the output voltage divider in the plate-supply unit. Many manufacturers evidently make their own metal cabinets but purchase the wooden cabinets.

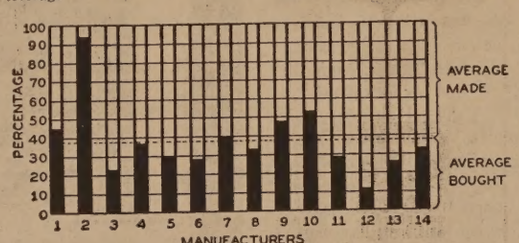
The totals at the bottom of Table I show the number of parts the various companies purchase and make. In Table II these totals have been converted into percentages. Table II, therefore, shows the percentage of parts purchased and the percentage of parts made in the case of each manufacturer. From these figures we arrive at the average percentages given at the bottom of Table II.

Table III gives the percentage of manufacturers who either purchase or buy the various parts, indicating thereby which parts are most generally made and which are generally purchased. For example, filter condensers are purchased by 36 per cent., made by 57 per cent., and partially made and partially purchased by 7 per cent. Dials are made by 86 per cent. of the manufacturers, only 7 per cent. purchased all their requirements of this item from the outside, and 7 per cent. make some dials and purchase the remainder of their requirements. To indicate in numerical order those parts most generally made by manufacturers we

(*Continued on page 238*)

Table II

Manufacturer	Percentage of Parts Bought	Made
1	45	55
2	94	6
3	22	78
4	37	63
5	30	70
6	28	72
7	40	60
8	33	67
9	47	53
10	53	47
11	29	71
12	11	89
13	26	74
14	33	67
Average	38	62



The data of Table II in graph form. Black bars indicate percentage of parts bought.

Table III

	Percentage of Manufactures who Purchase the part	Make the part	Both purchase and make the part
Filter Condensers	36	57	7
Variable Condensers	36	50	14
By-pass Condensers	50	43	7
A. F. Transformers	14	86	0
Power Transformers	29	71	0
Filter Choke Coils	29	71	0
R. F. Choke Coils	7	93	0
R. F. Tuning Coils	0	100	0
Fixed Resistances	57	14	29
Variable Resistances	64	36	0
Tube Sockets	29	64	7
Metal Chassis	14	86	0
Dials and Assemblies	7	86	7
Shields	21	71	7
Loud Speakers	29	64	7
Tubes	86	14	0
Cabinets	57	14	29

Table IV

Part	Percentage of Mfrs. who make them
R. F. Tuning Coils	100
R. F. Choke Coils	93
Metal Chassis	86
Dials and Assemblies	86
A. F. Transformers	86
Power Transformers	71
Filter Chokes	71
Shields	71
Tube Sockets	64
Loud Speakers	64
Filter Condensers	57
Variable Condensers	50
By-pass Condensers	43
Variable Resistors	36
Fixed Resistors	14
Tubes	14
Cabinets	14

In the preceding paragraphs we have pointed out some of the salient facts obtained from the survey. It is hoped the executives of the various set manufacturing companies will be able to obtain some useful information from the various tables. It should be helpful to compare the practices of the various companies who coöperated in this survey with the practices in one's own plant. Whether or not one makes a particular part will depend on the manufacturing facilities available, keeping in mind always that outside manufacturers who make a specialty of a particular item might, in many cases, be able to build it more economically than could an individual set manufacturer. Particularly in the case of the small set manufacturer, the more parts he purchases on the outside, the more space and time can he devote to the making of complete sets. However, among large set companies with adequate manufacturing facilities available, the tendency, as indicated by our survey, is build as many parts as possible in the plant.

The companies from whom data were obtained for the figures in this article are:

All-American Mohawk Corporation
American Bosch Magneto Corporation
Atwater-Kent Mfg. Company
Crosley Mfg. Company
Day-Fan Electric Company
Federal Radio Corporation
Chas. H. Freshman Company
Grigsby-Grunow Company

Kellogg Switchboard & Supply Company
National Carbon Company
Philadelphia Storage Battery Company
Sterling Mfg. Company
Stromberg-Carlson Telephone Mfg. Company
Temple Corporation

letters

Dear Jim:

Enclosed is a check of $5.00 for the Horn Speaker subscription for my son Robert, who is a new collector and I'm sure will enjoy the paper as much as I have for the past several years. I have been collecting for 20 years and have over 100 old battery radios some are quite rare.

I think the subjects covered in your paper are excellent and well researched.

I'm also enclosing a check for a classified ad in The Horn Speaker.

Cordially yours,
Ralph G. Maddox
Purgitsville, W. VA 26852

Dear Jim:

Received my issue of Horn Speaker today. I don't know when it was mailed, but could you change my ZIP CODE from 33313 to 33322. The post office said it could delay it as much as 5 days.

Thanks,
Richard M. Cane

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ANTIQUE RADIO TOPICS &
THE CLASSIC RADIO NEWSLETTER

APPRAISAL

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The average collector has spent many hours of time and a large sum of money building up his collection. The monetary loss of such an investment can be protected against THEFT, FIRE or other catastrophe. Many insurance companies offer special policies which cover antique items that have been properly appraised. The cost of antique insurance is usually quite nominal, but, many collectors do not have adequate protection. Although home owner's policies do cover the contents of a home, an insurance company may require proof of the value of items such as antique radios in case of loss. Contact your insurance agent and ------

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CLINIC

Power Pack Servicing

Due to the relatively few component parts, the detection of defective apparatus in a power pack is not a hard problem. The possible causes of trouble may be roughly classified as defective power transformer, rectifier tube, chokes, resistors and condensers. The simplest form of voltmeter-battery test will disclose whether there is a burn-out or short circuit in any of the above-mentioned components, and their replacement is likewise a simple matter, with, perhaps, the exception of the filter condensers. Here the greatest care is required.

A broken-down filter condenser is easily discovered. Generally this condition is indicated by the plates of the rectifier becoming excessively hot. The condenser block should be unsoldered and disconnected from the circuit and a battery voltage applied. The condenser terminals should then, two by two, be short circuited immediately after the charge is applied, and a small spark should result. If the spark does not materialize the condenser is defective and requires replacement. Great care should be taken in testing power packs, as high voltages are developed across the terminals, and unless these charges are dissipated before testing, a bad shock may be received.

According to Harry W. Houck, chief engineer of the Dubilier Condenser Corporation, the testing and replacement of condenser blocks is the most delicate operation in the servicing of a power pack, and should not be undertaken unless the smallest of soldering irons and the steadiest of hands are possessed. "Faulty soldering will destroy or at least weaken a paper condenser quicker than any other factor aside from excessive voltage or electrical strain," declares Mr. Houck.

For the soldering of condenser sections, small soldering irons should be used and these must be kept clean and bright. Resin should be used to clean the parts and just enough heat applied to do the job in a minimum of time; for, if the soldering iron is applied for too long a time, the heat causes the impregnating compound of the condenser to melt. The solder may even work its way down into the tightly wrapped paper and tinfoil, causing a short circuit or weak spot. Acid soldering flux or paste should never be used, for while it is easier to apply and solder, the slightest trace of acid may result in chemical action, deterioration, weak spots and even an open connection chewed away by the acid. No acid soldering flux is permitted in the Dubilier plant, and none should be employed outside.

Despite the greatest care taken in the manufacture and assembly of condenser sections, there is always the danger of improper soldering by the serviceman or individual making repairs. To avoid this trouble condensers should be so constructed that the terminals are quite removed from the actual condenser section, so as to prevent conduction of the heat from the soldering iron to the delicate condenser itself. In this respect the latest condenser blocks with flexible leads or pigtails represent not only greater convenince in wiring, but also eliminate to a large extent the danger of ruining the condenser in soldering.

RADIO NEWS FOR MARCH, 1930

REMINDERS
FOR OWNERS OF EDISON CYLINDER PHONOGRAPHS

GENERAL HELPS

Do not attempt to put on or take off a record with reproducer in playing position (down).

Do not attempt to slide reproducer to left or right when in playing position (down).

Do not play phonograph at very high or very low speed (see instructions under speed adjustment).

Do not allow reproducer to drop onto record—it may be damaged by doing so.

Keep phonograph and records free from dust as far as possible.

Do not neglect to oil and grease the motor frequently.

REPRODUCERS

The reproducer is the most vital part of your phonograph. The sweetness, clearness and fidelity in reproducing music depend entirely on the speed adjustment and the reproducer. Edison reproducers present absolutely the harsh and metallic sounds so often noticeable in talking machines.

We have a special department for reproducers so that if one should become damaged through accident or other causes, it may quickly be put in first class condition again.

If the sapphire or diamond is in perfect condition, we make no charge other than return postage to repair a reproducer.

If a diamond is missing or out of order, our charge for repair is only $3.65, including return postage.

If a sapphire is missing or out of order, our charge is $2.50 for repairing a four minute reproducer, and $4.00 for a combination type two and four minute reproducer, if both points are missing or out of order.

We invite you to use this department freely. If the speed adjustment is correct (see instructions under speed adjustment) and your phonograph does not sound sweet and clear, send your reproducer to us. This inexpensive investment is one that will repay you a thousandfold in years of clean, happy amusement.

ALWAYS SEND IN YOUR ENTIRE REPRODUCER IF IT IS NECESSARY TO HAVE ANY PART OF IT REPAIRED.

SPEED ADJUSTMENT

All Edison Blue Amberol records are recorded at 160 revolutions per minute and should be played at the same speed. Each phonograph is carefully adjusted before it leaves our factory. However, in shipping or as a result of constant use, this adjustment is sometimes upset. Please test the speed of your phonograph from time to time as follows:

FIRST—Place a small piece of paper between cylinder and record so that one end of paper projects out into view.

SECOND—With record playing, count number of turns made by cylinder in one minute. (By allowing piece of paper to touch finger at each revolution, counting will be easier and more accurate.)

THIRD—If speed is not correct, make adjustments with speed adjusting screw until speed is exactly 160 revolutions per minute. (Speed adjusting screw will be found connecting with governor friction lever either on top or under the motor plate, or sticking up through or under the governor cover.)

OILING

A clean and properly lubricated mechanism will insure proper operation of your phonograph at all times. Use only Edison oil and grease, the use of inferior or unsuitable lubricants will invariably result in dissatisfaction.

About once a month lubricate the following parts:

A—All bearings (with oil) and gears (with grease) beneath the top plate.

B—The two bearings (with oil) at the end of governor and the governor shaft (with oil) and the gears (with grease).

C—The two bearings at end of cylinder (with oil).

D—Along feed screw beneath cylinder (with oil), slide rod in front of cylinder (with oil) and the slide bearing to rear of cylinder (with oil).

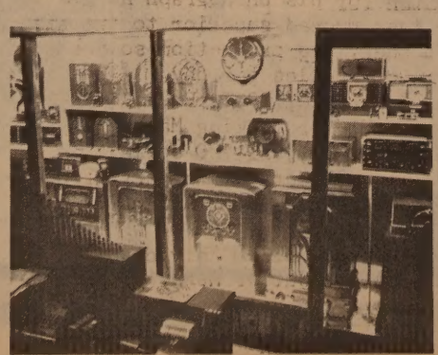
We will be glad to send you Edison lubricants by mail at the following prices, which include packing and postage.

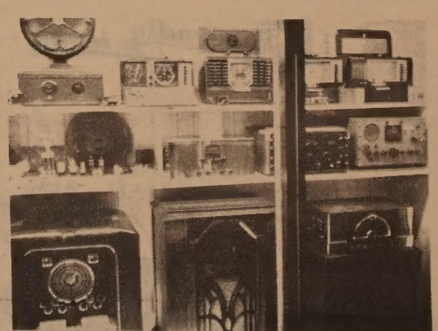
Edison Oil, per bottle	$0.25
Edison Grease, per tube	.20
Edison Spring Lubricant, per tube	.20

CYLINDER PHONOGRAPH DIVISION,
THOMAS A. EDISON, INC.,
ORANGE, N. J.

MUSEUM NEWS

PUETT CLASSIC RADIO MUSEUM
J.W.F. Puett has protected his radio collection and exhibited it





SCOTT PHILHARMONIC AND SLRM
McMURDO SILVER MASTERPIECES II & VI

in the front part of his home behind a transparent barrier. Several of the photos expose his ideas of constructing a museum that gives excellent visual exposure with good security. Visitors appreciate seeing the "oldies" preserved in such a good exhibition.

off the record

HIS MASTER'S VOICE HAD
A MIGHTY BIG BOAT
by Billy Bragg

HIS MASTER'S VOICE WAS ELDRIDGE R. JOHNSON is a biography by E. R. Fenimore Johnson, and it traces the history of The Victor Talking Machine Company. The company was formed by Eldridge Reeves Johnson and his number one son, Fenimore, tells the

Eldridge R. Johnson

story. The older Johnson, a brilliant young machinist, and in 1891, invented a book binding machine, that was his first invention and he formed The New Jersey Wire Stitching Company to market the machine. Born in 1863, Johnson was a well respected machinist at age 28, and he soon received a call from Berliner. The time was the early 1890s, and Edison was selling cylinder phonographs, which were powered by electric motors. Berliner was selling a hand-cranked disc machine. To compete with edison, Berliner wanted to drive his disc machine with a spring motor. Because of a heavy reproducer, and the different sized grooves on a disc, no one was able to build a good spring motor. E. R. Johnson solved this problem by building the first spring motor with a governor (like the kind on a steam engine). He greatly improved the reproducer, and in 1896, he sold 200 of the motors to The Berliner Gramophone Company.

This started the ball rolling, and in 1900 Eldridge went into the talking machine business on his own. He formed The Consolidated Talking Machine Company, but due to legal problems he changed the name to Eldridge Johnson Manufacturing Machinist. His legal problems continued. One time he loaded his matrices on a wagon to hide them in the wilds of New Jersey. After winning a long court battle, the name was changed the last time. Because victor means "winner", E. R. Johnson's company became known as THE VICTOR TALKING MACHINE COMPANY.

"I'm Gonna Telegraph My Baby," by John O. Terrell was released in 1900. This label became the first record by The Victor Talking Machine Company. It was E. R. Johnson's idea to put paper labels on records, and he improved on the wax disc, thus reducing background noise. In 1940, he patented the idea of an inside horn phonograph, and called it the VICTROLA. In 1920, he came out with the slant-top victrola. The top was slanted because Johnson never wanted to see a flower vase on one of HIS phonographs. In its prime the V.T.M. Company had 1,663,552 sq. ft. of factory floor space, 16½ acres of lumber stacked 20 to 50 ft. high, and 10,000 employees. The payroll came to $300,000.00 per week, and in one year, they used 36,850,000 feet of lumber and burned 55,000 tons of coal. During WWI, when hard metal was rationed, Johnson began using tungsten for his phonograph needles. This idea proved superior to the old metal ones, and production soon rose to 25,000 needles per day.

On January 6, 1927, E. R. Johnson sold the Victor Talking Machine Company for $22,229,960 dollars. The company later became part of RCA. One year, he gave away ALL of the income from his fortune to what he thought were worthy individuals. This soon got out of hand, people begged for money. He soon became a prisoner in his own home. There was nothing left to do, except pursue his hobby of collecting fine art and yachting.

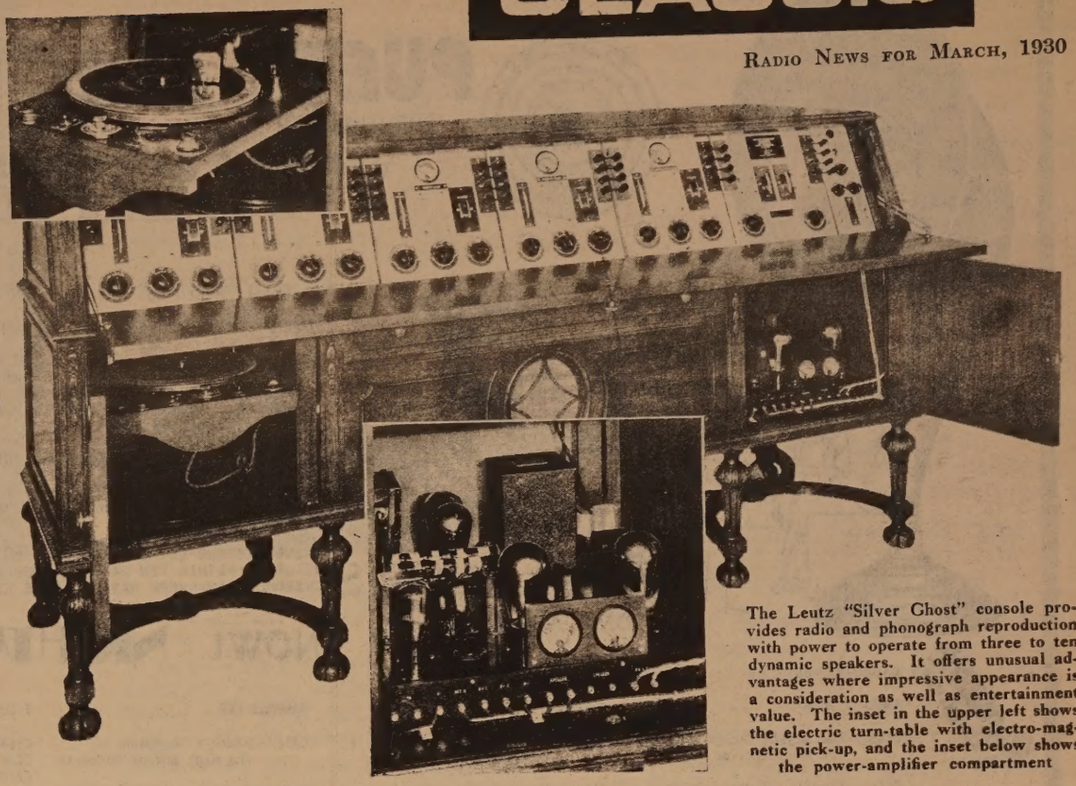
Upon retirement, E. R. Johnson went yachting. His yacht was THE CAROLINE and with a crew of 30 men, the yearly expenses were $52,000.00. In 1929, with an art collection valued at $1,173,532.39, he decided to buy a better yacht. THE CAROLINE II was launched in 1931 at a cost of $1,567,410.90. It had a crew of 42 and to keep it in a stand-by condition, it cost $90,000.00 per year. This yacht carried 365 tons of fuel oil, 1163 gallons of lubricating oil, and 347 tons of fresh water. It had a cruising range of 10,000 nautical miles at 12 knots. The yecht, weighing 105,790 pounds remained stable by means of a GYROSCOPE. The wheel was 8 ft. in diameter, and its weight was 45,000 pounds. The main dining room was 29 feet long by 26 feet wide. There were bigger yachts in the world, but none were as luxurious. E. R. Johnson spent many happy days on his yacht, but with the approach of WWII, it was no longer safe to sail the high seas. In 1939 THE CAROLINE II was sold for $200,000.00 to a Mr. Leeds. In 1941 it was sold to the U. S. Navy and comissioned "U.S.S. Hilo."

The book, HIS MASTER'S VOICE WAS ELDRIDGE R. JOHNSON, was printed by: State Media Inc., Milford, Delaware 19963.

BILLY BRAGG

CLASSIC

RADIO NEWS FOR MARCH, 1930



The Leutz "Silver Ghost" console provides radio and phonograph reproduction with power to operate from three to ten dynamic speakers. It offers unusual advantages where impressive appearance is a consideration as well as entertainment value. The inset in the upper left shows the electric turn-table with electro-magnetic pick-up, and the inset below shows the power-amplifier compartment

PUETT ELECTRONICS

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ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

OLD TIME RADIO SHOWS ON CASSETTES

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MAKE ALL CHECKS AND MONEY ORDERS PAYABLE TO PUETT ELECTRONICS. ALL PAYMENTS MUST BE IN U.S. FUNDS AND NEGOTIABLE WITHOUT PAYMENT OF A BANK COLLECTION FEE. MONEY ORDERS ISSUED BY POST OFFICES IN CERTAIN COUNTRIES, CANADA FOR EXAMPLE, ARE ACCEPTABLE IF THEY CAN BE CASHED IN A U.S. POST OFFICE.

ALL SHIPMENTS ARE POSTPAID AND INSURED. TEXAS RESIDENTS ADD 5% STATE SALES TAX.

WE HAVE HUNDREDS OF OTHER OLD TIME RADIO PROGRAMS - SEND TWO 15¢ STAMPS FOR OUR LIST.

CASSETTES ARE EITHER C-90 OR C-60. DEFECTIVE CASSETTES CAN BE RETURNED WITHIN TEN DAYS FOR REPLACEMENT. WE TRY TO PLEASE OUR CUSTOMERS IN EVERY WAY. THESE RECORDINGS ARE FOR HOME USE ONLY.

RADIO COMEDY

AMOS & ANDY

C253 - The Raffle Ticket & The Mountainside Cabin

C254 - Kingfish Rents a Cottage & The Rehearsal Session

C255 - Kingfish, Marriage Broker & Kingfish's Rest Home

C256 - Lost On A Hillside & The Tin Box.

C257 - Search for Madam Queen & Andy Buys a Race Horse

C258 - Kingfish's Job In Guam & Sapphire Leaves Kingfish

C259 - Millionaire Saved & The Husband Hunting Girl

C260 - Anniversary Gift & The Rare Nickel

C261 - The Beach Vacation & Delivering A TV Set

C217 - Christmas Special & The Adventures Of Mazie

C215 - 10,000 Broadcast (1952) & Can You Top This?

MISCELLANEOUS COMEDY

C219 - The Jimmy Durante Show & The Stan Freeberg Show

C212 - Fanny Brice/Baby Snooks & The Jack Benny Show

C055 - The Fred Allen Show & The Jack Benny Show

C220 - The Henry Morgan Show & The Red Skelton Show

C054 - Duffy's Tavern & Boston Blackie

C214 - Abbott & Costello & Corless Archer

Fibber McGee & Molly

C020 - Cat Under the Porch & Fibber's Magic Act

THRILLING STORIES

MYSTERY & DETECTIVE SHOWS

SUSPENSE

C092 - House In Cypress Canyon & Fugue In C Minor

C185 - Three Skeleton Key & The Burried Woman

C088 - The Invisible Ape & Case Hostory E. Lowndes

C012 - The Customers Like Murder & Death Has A Shadow

C042 - The Enormus Radio & Inner Sanctum - Hang. Island

C085 - Sorry Wrong Number & Mission Completed

C103 - The Black Door & The Crime Club

INNER SANCTUM

C082 - Girl & The Gallows & Juda's Clock

C086 - Dead Man's Deal & Musical Score

C100 - Song of The Slasher & The Wailing Wall

C196 - The Devil's Fortune & Murder Mansion

JOHNNY DOLLAR

C190 - The Wayward Gun Matter & The Latin Lovely Matter

THE SHADOW

C177 - Death Is An Artist & The Phantom Voyage

C176 - Lemont's Trick on Margo & The Werewolf

C170 - Nursery Rhyme Murders & The Creeper

C167 - The Spider Boy & Silky Reed

C041 - Mark of the Black Widow & The Ghost Walks Again

NOW! NIGHTMARES FOR SHEER ENJOYMENT

GANGBUSTERS

C150 - Blackie Thompson & The High School Hotshots

C149 - Supersonic Safecrackers & The Carnival Caper

C142 - Chicago Tunnel Gang & The Kidnaped Paymaster

C139 - Tenessee Trigger Man & The Collector

C145 - Brothers In Banditry & The Cowboy Killers

THE GREEN HORNET

C132 - The Boathouse Mystery & The Letter

C127 - Polarized Glasses & What Price Glamor?

THE WHISTLER

C073 - Death In The Air & Mirage

C193 - Double Exposure & The Tangled Web

SAM SPADE, PRIVATE DETECTIVE

C038 - The Dry Martini Caper & The Bow Window Caper

C208 & FRANKENSTEIN - (1932)
C209 excellent quality - on two cassettes!

ESCAPE

C199 - The Fourth Man & Violent Night

MR. DISTRICT ATTORNEY

C013 - Spring Feaver The Deadly Snowflake

DRAGNET

C274 - Obscene Photographs & The Narcotics Addict

MUSICAL - THE ZIGFIELD FOLLIES

C285 - The first show with Fanny Brice & James Melton

I LOVE A MYSTERY

C268,- The Thing That Cries
C269 & In The Dark
C270 three cassettes

C109,- Bury Your Dead In
C110 & Arizona (Werewolf etc.)
C111 three cassettes

C112 - Highlights from "Temple of The Vampiers"

THRILLING STORIES

THE LONE RANGER

C166 - Origion of Lone Ranger & Legend of Dan Reed

C035 - Alien Smugglers & The Indian Girl

SCIENCE FICTION

C064 - WAR OF THE WORLDS (1938) alarmed the nation!

X MINUS ONE

C083 - Martian Sam & How To

C087 - The Junkyard & The Seventh Order

DIMENSION X

C102 - Child's Play & The Veldt

C183 - SF-68 Jenny With Wings & The Universe

C106,- BUCK ROGERS origion and
C107 & first 12 episodes
C108 three cassettes

C276 - SUPERMAN comes to earth

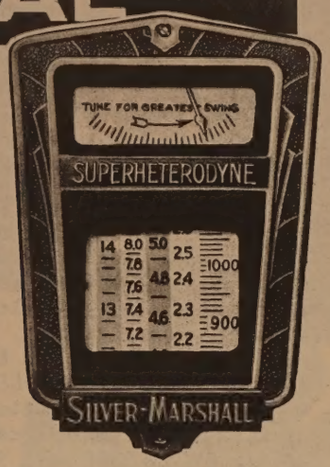
C251 - OLD TIME RADIO SPECIAL: KDKA - first commercial broadcast, A. Hitler declares war on Poland, Jap attack on Pearl Harbor, F.D.R. declares war, 1937 Hindenburg disaster, exerpts from many, many famous old time radio shows!

RADIO COLLECTORS DREAM:

C078 - ATWATER KENT RADIO COMMERCIAL DEMONSTRATION & many other radio commercials.

WHAT JOY THEY BRING GREAT STORIES of thrilling ADVENTURE & ROMANCE

TURN BACK THE DIAL



BOOK REVIEW

Fifteen leading personalities from the "golden age of radio" are profiled in Those Radio Commentators!, just published by the Iowa State University Press. Calling himself the "last survivor of the ers," Lowell Thomas introduces this recapturing of the style, sparkle, brass, and adventuresome spirit that marked himself and his colleagues.

The "golden age of radio" began around 1929 with Amos 'n' Andy and ended around 1948 with the advent of "Uncle Miltie" on TV. Thousands of Americans looked forward each day to hearing the news and the opinions of their favorite commentator who helped explain what was happening in the troubled times of the Depression and World War II. The commentators reflected the varied tastes of their audience. For example, Fulton Lewis, Jr., Boake Carter, and Father Coughlin were zealous partisans of their causes. Elmer Davis, H. V. Kaltenborn, and Raymond Gram Swing were respected journalists. Walter Winchell and Gabriel Heatter provided racy gossip. The closing chapter notes other able commentators who had loyal followings.

Two records of the commentators' voices are included. Total playing time for the recordings is 16 minutes. Pictures of each commentator pin a face to the compelling voices from the past.

Author Irving E. Fang is professor, journalism and mass communications, University of Minnesota. He poses the question of the influence of the radio commentators on the course of history. His fascinating anecdotes of their adventuresome lives give rise to some intriguing speculations.

The commentators profiled include H. V. Kaltenborn, Floyd Gibbons, Lowell Thomas, Father Coughlin, Boake Carter, Upton Close, Dorothy Thompson, Raymond Gram Swing, Elmer Davis, Fulton Lewis, Jr., Drew Pearson, Walter Winchell, Baukhage, Gabriel Heatter, and Edward R. Murrow.

Those Radio Commentators! promises to appeal to nostalgia lovers, radio buffs, and to anyone who ever listened raptly to the family Atwater-Kent or Philco. It is available from bookstores or from the Iowa State University Press. (1977. 340 pp., ill., includes 2 records. ISBN 0-8138-1500-2. $14.95. Publisher requires advance payment with orders less than $25.00.) South State Ave., Ames, Iowa 50010: Phone (515) 294-5280.

on the air

"FIBBER MCGEE" GUEST OF HONOR AT ANNUAL SPERDVAC BANQUET

Jim Jordan, who achieved fame as a hard-headed bungler with an incredibly messy closet on the Fibber McGee And Molly program, will be the guest of honor and featured speaker at the annual banquet sponsored by the Society to Preserve and Encourage Radio Drama, Variety And Comedy (SPERDVAC).

The Fibber McGee And Molly show ran for seventeen years and starred Jim Jordan as Fibber and Marian Jordan as Molly McGee. Fibber, the fast-talking braggart who spent much of his time moving from one difficulty to another was always tempered by his level-headed wife, Molly.

Their radio address, 79 Wistful Vista, became an integral part of American life from 1935 to 1952 as the Fibber McGee And Molly program consistently enjoyed one of radio's largest listening audiences.

Other characters on the show became famous in their own right; Hal Peary, who took his "Great Gildersleeve" role to its own show in 1941; Bill Thompson, whose numerous characterizations included Wallace Whimple, the brow-beaten and hen-pecked milquetoast of a husband; Gale Gordon, the town's mayor who was constantly befuddled by Fibber; and Harlow Wilcox, one of the first announcers in radio to become an integral part of the show with his own comedic interpretations.

But the charm of the Fibber McGee And Molly show centered about its two principals. Marian Jordan, who performed many characters on the show, was the perfect foil for husband Jim Jordan, the man who rarely, if ever, seemed to do anything right. Together, they became the embodiment of the American way of life--and comedy--for nearly twenty years.

The SPERDVAC banquet will be held Saturday, May 12, at 7pm, at the Variety Arts Theater, 940 South Figueroa, Los Angeles. The Variety Arts Theater is an area landmark refurbished in the decor of the 1940s and features weekly live performances of old radio shows.

Tickets for the steak dinner affair are available at $14.50 per

FOR SALE

Emile Berliner, Maker of the Microphone, Wile,1926. Detailed biography including gramophone. ex-lib,vg $14

Wireless Telegraphy and Telephony, A.P.Morgan,1915/12. Excellent little book with many photos of commercial gear. ex-lib,inkstains on covers $12

Wireless Telegraph Construction for Amateurs, A.P. Morgan, 1910. The finest book on early ham wireless, with many construction plans. vg $18

The Principles Underlying Radio Communications (Signal Corps),1922. Above-average textbook. xlnt $8

Hawkins Electrical Guide no.8 (with the chapter on wireless),1917/15. Many illustrations. xlnt $5

The Incandescent Light, Lewis,1961. Fine reference with many photos.vg $5

The Wireless Experimenters Manual, Bucher,1920. Construction plans for homebrew & commercial gear. vg $14

Elihu Thomson, Beloved Scientist, Woodbury,1960/44. A fine biography of an amazingly prolific inventor and founder of GE. xlnt $8

Practical Wireless Telegraphy, Bucher 1918. Photos of Marconi gear.fair $8

Principles of Wireless Telegraphy, GW Pierce,1910. Excellent textbook with much original material on crystals $8

Electrical Measurement, Lockwood,1883 Pub. by JH Bunnell&Co describing the use of their instruments. vg $10

Radio Telephony for Amateurs, Ballantine,1923. Hams' Bible. ex-lib,g $10

Radio Telephony, Goldsmith,1918. Many photos of commercial gear.ex-li,vg$12

1922-39 RADIO NEWS. Good average condition, no dupes, all have covers unless noted 'nc.' First $575 check takes the lot; otherwise will sell by years at the listed prices:

8 issues 1922 (6nc)	$50		
10 1923	$75	12 1931 (2nc)	$15
12 1924	$90	12 1932	$35
10 1925	$55	9 1933 (4nc)	$20
8 1926	$40	6 1934 (2nc)	$15
9 1927 (1nc)	$35	9 1935 (2nc)	$20
8 1928	$25	7 1936 (4nc)	$15
11 1929	$35	5 1937	$15
12 1930	$40	5 1939 (1nc)	$10

2nd lot,lesser condition,all for $155
8 1923 (3nc) 6 1925 (1nc) 5 1926
11 1924 (3nc) 4 1927 (1nc)

Prices Postpaid.No phone calls please. A postcard will hold any item. Alan Douglas,Box 225, Pocasset, MA 02559.

person from Susan Crawford, 3146 East Orangethorpe Avenue, #B, Anaheim CA 92806. Payment should be made to SPERDVAC. Seating is limited to 100 guests: interested parties should order their tickets now in order to avoid disappointment.

Further information on the banquet and/or the Society may be obtained by writing SPERDVAC, 4922 Cartlen Drive, Placentia CA 92670.

club news

REGIONAL SPRING MEET OF THE INDIANA HISTORICAL RADIO SOCIETY AND THE ANTIQUE WIRELESS ASSOCIATION

"Plan to come and have a great time with us!" say the leaders for the spring meet to be held on Saturday April 21, 1979, at the Auburn-Cord-Duesenberg Museum, Auburn, Indiana. On Friday evening, April 20, there will be early registration at 6:00 p.m. and an old time movie at 7:30 p.m.

The big day of the meet will begin at 9:00a.m. with an outdoor swap meet at the south parking lot near the loading dock. Registration will begin at 10: a.m. and equipment will be registered for the afternoon auction, and items for the old equipment contest registered at the same time.(both must be registered by 12:00 noon).

At the auction of personal equipment a 10% donation is asked to go for the IHRS Museum Fund. This auction is scheduled to start at 1:00 p.m.

Steve Hafer, Eastern Illinois University, will hold a program about "Philo Farnsworth" television pioneer and Ed Taylor, chairman, will hold the contest judging at the same time, 4:00 p.m. A restoration clinic show and tell will take place with everyone welcome at 4:00 p.m. They say, "Bring your story or equipment to show how you handled a restoration job." Awards for the best example.

And at 7:00 p.m. a banquet and special entertainment by the Johnny Appleseed Dulcimer Club of Ft. Wayne, Indiana.

Banquet reservations with full payment must be received by April 13, 1979. Banquet ticket and admission to museum is only $10.00.

Check with Frank Heathcote, 1235 N. 3rd Street, Logansport, IN 46947 for registration and to verify any information.

Another member, Ross Smith, 1133 Strong Avenue, Elkhart, Indiana 46514, whom we thank for sending the above information, should be able to supply information to new-comers.

VINTAGE RADIO AND PHONOGRAPH SOCIETY

VRPS is about 99% certain of holding its 1979 national meet at the Villa Inn Convention Center, which is close to the Texas Stadium in Irving, Texas, on September 7, 8 and 9, 1979, according to Bob Sullivan, chairman of the board of directors for V.R.P.S. In a few days a contract should be made to hold it at the Villa Inn on that date.

At the auction, which had its activities cut in half by weather adverse to automobile travel and in spite of several members, who were scheduled to bring some outstanding radios and phonographs, not being able to attend the auction, the officers of the club held the auction anyway. Some examples:

A Grebe MU-1 fetched $125.00. Airline curve top got $45.00. A Philco 60 curve top was respected with a bid of $57.50. A complete set of QST magazines for 1928 went for $17.50. A 3 mineral Wireless Specialty crystal detector carried $60.00. An AK 40 radio grabbed only $37.50. An AK horn speaker sold for $40.00 and a Magnavok horn speaker went for the same price. Somebody bought a 1932 wood Spartan radio for $26.00. A bidder had to pay $65.00 for a medium sized Crosley "Cathederal" radio. And another bidder had to pay only $10.00 for a Pilot FM tuner.

50 YEAR OLD FLAME PROOF KEY
TYPE J-7-A
Govt Order No. 141082 Dated 1921

Beautiful heavy duty construction, in new working condition. For the collector, antique buff and antique gear museums. An unusual conversation piece, curio, desk weight and gift.

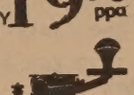
In 1966 the U.S. Navy closed the hugh Brooklyn Navy Yard and the City of New York purchased the property. The J7A Keys were discovered in a warehouse where they had been stored for the past 50 years.

New boxes have been provided.

Both keys are of heavy duty construction with a large Navy type knob. The keying arm and dome are brass . . . the contacts are ¼ inch coin silver. The J7A is 2½ x 5½ inches and the J5A is 2½ x 3¾ inches in size. The BULB, or Lamp is NOT supplied with the J7A.

A RARE FIND! ORDER TODAY 19.95 ppd

The J5A was made for the Signal Corps in 1941, and is the same type of Key except for the Dome housing the neon bulb. A real memento of WWII. Supply is somewhat limited . . . . buy today!



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ALL SUBJECT TO PRIOR SALE

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752 NATIONAL Union RADIO SERVICE MANUAL, VOL II, large, heavy binder, 770 pages $15.00

~~753 1932 OFFICIAL RADIO SERVICE MANUAL, VOL2, Official directory of commercial radio~~ receivers, full radio service guide, a Gernsback publication $25.00 Sold

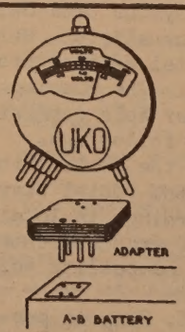
~~754 1933, same as above, but Vol 3, $25.00, or both volumes for $40.00~~ Sold

755 MALLORY YAXLEY radio service Encyclopedia, 3rd eddition, and supplemental Technical Service. 1939 and 1940 issues, in notebook, $12.00

756 MYE TECHNICAL MANUAL (P.R.MALLORY & CO) 1942, hard cover book, large, 407 pages $10.00

757 RADOART Advanced Servicing of Auto Radio. 1936, good info, $8.00

758 RADIART, 1935, the theory, design and servicing of Automobile Radios, $8.00



$6.00 PPD.

The UKO TEST-METER

The UKO Test-Meter makes it possible for you to test your own 1½-90 volt Radio A-B Battery. Simple directions tell you how to test the A and B Sections of your battery. See for yourself if it needs replacement. No use discarding a live battery. Save time and money with a UKO Test-Meter.

E. W. EHMANN CO.
Box 123
GENEVA, ILLINOIS

Shipped prepaid NEW! BEAUTIFUL CHROME

DIRECTIONS FOR TESTING A-B BATTERY

Remove the radio plug from your battery and in its place insert the adapter plug supplied with meter. To test the A section of your battery insert the 2-prong terminal into the adapter plug. If the needle moves to 1.0 or higher on the bottom scale your battery is still good. To test B section insert the 3-prong terminal. If the needle moves to 75 or higher on the top scale your battery is still good. If the pointer fails to reach 1.0 or 75, a new battery will improve your radio reception.

SAFE! With the UKO Test-Meter there is no way in which you can harm your radio, your battery, or the Test-Meter.

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MAIL ORDER ONLY AFTER 6PM 214-262-7855
PLEASE ALLOW TWO WEEKS FOR DELIVERY

CLIFTON FADIMAN was a familiar name to the sophisticated literary world years before "Information, Please" (NBC, Tues.) came to the airlanes, but it was his masterly management of that show which made him a national figure

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OLD TIME RADIO PROGRAMS ON TAPE.

We've got thousands avaliable and invite anyone interested to listen in with us to the adventures of the Shadow, Boston Blackie, The Whistler or Richard Diamond. Or you can chuckle at the zany escapades of the Great Gildersleeve, Eddie Cantor, Amos & Andy or Fibber McGee & Molly.

This is just a sampling of what we have avaliable. Any programs you remember we have. Our prices are competitive, our service is speedy and the quality of our products is unsurpassed.

We also co-publish COLLECTOR'S CORNER, a widely read and well received magazine devoted to the old radio show collecting hobby. A sample copy is only $1.25, or ask for a list of all back issues.

The literature describing our products is free. We publish flyers every two or three months.

Tell us your interests in old time radio program collecting, and we'll tell you ours.

Playing old radio shows through your vintage equipment is also a terrific way to display it!

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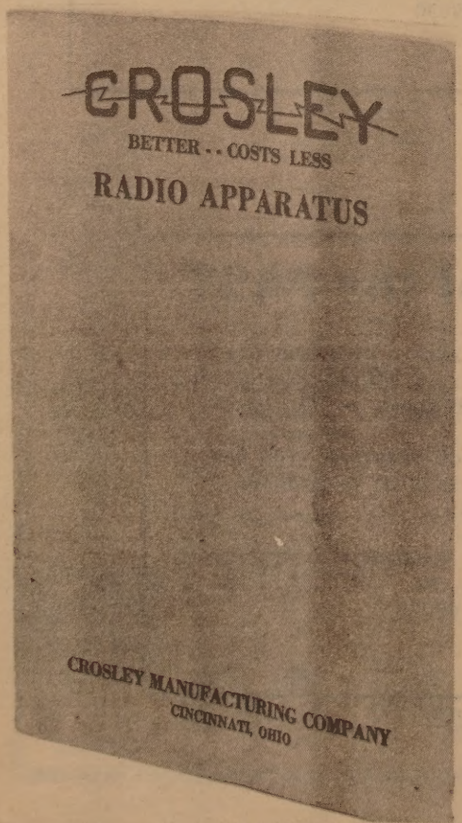
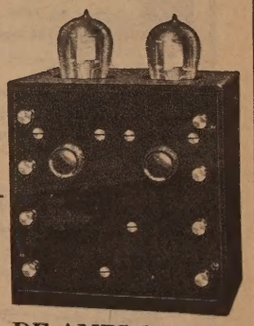
CROSLEY RADIO APPARATUS CATALOG -- 1923



The Vestal Press has been making quality reprints of old catalogs for years, but we've never done one any more interesting than this one of Crosley radio apparatus!

On 32 pages of heavy slick paper, you get all the details on such radios as models XXV, XX, XV, XII, X, VIII, VIII Portable, VIII Special, VI, VI Portable, and VI Special... and Harko Senior, Crystal Receiver No 1, Audion Detector Unit, RF Tuner Amplifier, Two-Step Audio Frequency Amplifier, with two pages showing these devices connected in various ways.

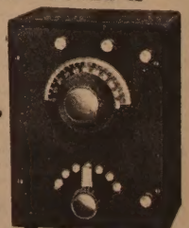


DE-AMPLO-UNIT

Experimental units include the Crosley Tuno-Unit, the Condenso-Unit, the Detecto-Unit, the De-Amplo Unit, and the Duo-Amplo unit ... plus all sorts of odd parts -- Variometers, Vario Couplers, etc. And two pages of testimonials that are fun to read!

Get your copy today! Just send $4.00 (plus 50¢ mailing charge) to The Vestal Press, PO Box 97, Vestal 59 NY 13850. (NY residents please add 7% sales tax). Guaranteed to please. Send it right back for a full refund if you don't like it!

If you'd like a copy of our big beautiful 60-page catalog of books and reprints on player pianos, phonographs, music boxes, steam engines, antique cars and all sorts of other neat stuff, send $2.00. We'll include a certificate worth $2 on any future order.



TUNO-UNIT

THE VESTAL PRESS PO BOX 97 VESTAL 59 NY 13850

FIND

Frank Cooper, president of Houston Vintage Radio Association, sent the following news which is a quote out of their club publication. We are expecting to receive a complete story later.

"THE BIG ONE THAT GOT AWAY"

It sounds like a real fish story, but it isn't. The vintage radio collector's dream find. The story of how Fenton Wood and Frank Cooper would have been able to retire for the rest of their lives and hunt radios had they gotten to 40,000 pounds of early radio and wireless equipment before it was destroyed for the copper and brass content just a few weeks ago.

But not all was lost. They managed to save several hundred pounds of early radio gear including an early audion amplifier, a couple of spark transmitters, and some of the vintage radio equipment pictured on the four pages of February 1979 Houston Vintage Radio News.

TRUMAN BRADLEY—announcer of many big broadcasts, does commercials, for sponsor Woodbury

RADIO ADVENTURE!

FOLLOW THE ROAD TO OLD-TIME RADIO DAYS. ENJOY YESTERYEAR, AND DISCOVER THE NEW HOBBY OF RADIO COLLECTING.

A FLICK OF THE SWITCH, 1930-50: Fun picture reference of home, military, Ham, professional radio-TV, 312 pages. $10.95 hard-cover, $8.95 soft.

VINTAGE RADIO, 1887-1929: Pictorial story of pioneer days, 1,000 photos, 263 pages. $10.95 hard-cover, $8.95 soft.

RADIO COLLECTOR'S GUIDE, 1921-32: Data book with 50,000 facts on 9,000 models by 1,100 makers, 264 pages, $6.95.

RADIO ENCYCLOPEDIA: Gernsback's 1927 classic beautifully re-created, 175 pages. $14.95 hard-cover, $10.95 soft.

FROM SEMAPHORE TO SATELLITE: A beautiful showpiece covering communications history. Printed in Europe. 343 pages, $19.75.

CIRCUIT DIAGRAMS for any pre-1951 radio, just $3.50. Send model number.

IDEAL GIFTS — Vintage Radio — WE PAY POSTAGE

SEND TODAY to Vintage Radio, Dept. D Box 2045, Palos Verdes, Ca. 90274. We pay postage. Calif. residents add 6%.

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$62.55 5-BOOK SET – ONLY $54.55

Special-Save $8!

Echoes of the Past

ANNOUNCING AN ALL-NEW COMPLETELY UPDATED CATALOG OF RADIO'S BEST PROGRAMS.....
100 Pages containing 411 reels, 4218 programs from 329 Series!!
QUALITY OTR...Well-dubbed...reasonably priced.
EACH reel individually sound-rated.
Since OTR is a hobby and not a business for me, quality instead of quantity is my first consideration.....Join the growing number that select ECHOES OF THE PAST by choice not by chance. Send $2.00(Refundable On first order) To:

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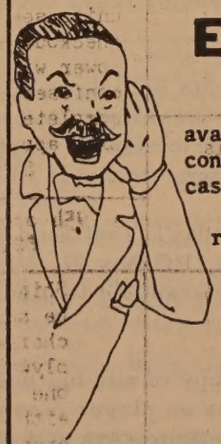

ECHOES of the PAST

Many of radio's classic programs are available on cassette.....Attractive catalog contains more than 500 shows in 90 minute cassette format.
Custom recording of programs from the reel catalog above is also available.
Send $1.00 to:

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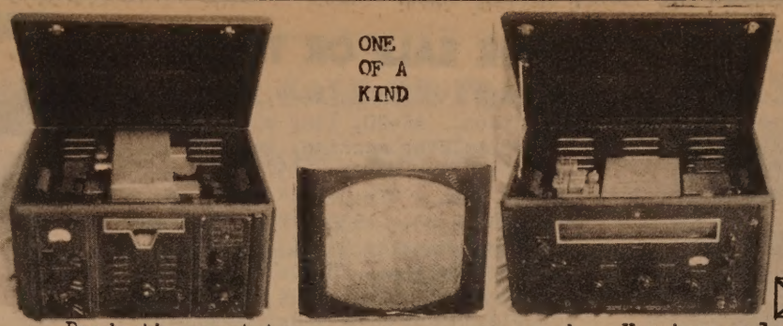
James E. Millen 91501 10 band (5 gen cov. .55 to 41 mc., 5 amateur bands) p.b. band switching, motor/man tuning. Dual front end, 17 tubes, xtal filter if, int. cal., noise limit, T/R sw. S-mtr, bfo, antenna match. Full feature deluxe receiver.
$150

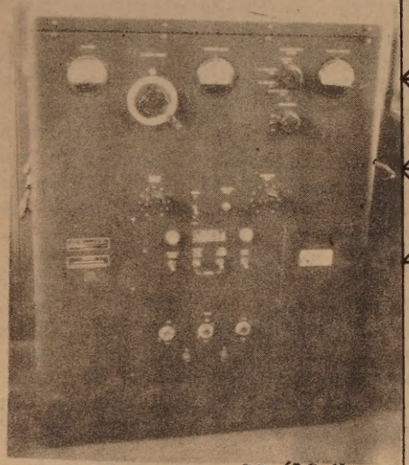
Millan comm rcvr spkr. in matching cabinet. Jensen 12 in. Working. Clean. $20.00



ONE OF A KIND

James E. Millen 91201 7 Band .55 to 31 mc. Dual front end, 11 tube Bandspresd, var. if sel., noise limit, T/R sw. bfo. ant. match. Solidly built, prof grade receiver.
$100.00

Production prototypes, never any more made. You have only one chance. All transformers, tuning components, tube sockets, most tubes, etc.. are in place. The only things that seem to be missing are some of the small components and wiring. Should be no problem for someone with radio experience and desiring to be the one and only owner of these excellent and rare receivers. Vintage WWII. Well made cabinets.



Hallicrafters BC-610-H, S/N 20. Workhorse xmtr of early WWII. Appears complete and in good order, tho unable to test, All tubes present. Scarce as good MD-11's.
$50.00

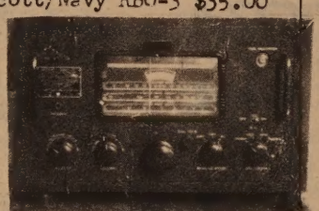
9 tube 6 bands .55-44mc. Works Reasonable cond. Has osc. v.r. added and tube socket changed, No major hacking Very desirable for any complete comm. rcvr collection.

PME-69 1935 $40.00

UHF RCVR circa late 30's $45.00

Ware "Inductuner" very unusual and hard to find set. 11 tubes uses rotary inductors (3) for tuning 10-60 mc. Working but slider need cleaning to reduce noise. Phys. very good cond. Definitely one of the more uncommon sets.

E.H.Scott/Navy RBO-3 $35.00

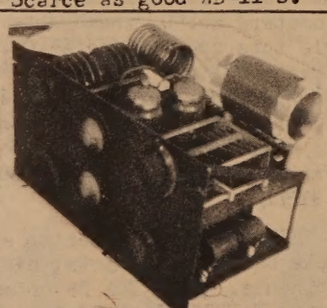


12 tube 3 band, made by E.H. Scott under WWII Navy contract. Should be included in any Scott Collection. Scott had very limited production facilities, so there aren't many of these around. Good working cond. altho the outer case could use a shot of paint. Front panel good.

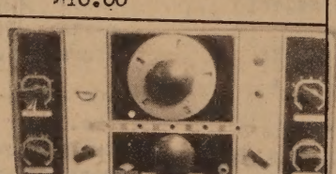
RCA SC-88 WWII vintage. Vy. gd. from VOA station 14 tubes, 6 band .54-32 mc. works
$30.00

National comm rcvr speaker 10 inch Rola speaker. Working, clean, grille cloth needs to be stretched
$10.00

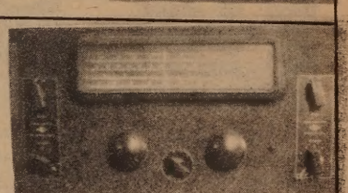
Classic Norden-Hauck Super DX-5. 1930 20-200 meters. 6 tube. 6 plug-in coils incl. Shorted capacitor, & aluminum case needs cleaning, otherwise seems in rather good cond. This set is in the same category as the SW-3's and Super Wasps except maybe a little better.
$50.00



Experimental National xmtr found at old Millen shop. Evidently used as reference model for Millen's own 500w unit. Gd pr. of 803's incl., plus breadboard unit ctng. many more o.t. xmtr parts. Exc. foundation for setting up your own o.t. station.
$40.00



National NC-100 apparently early production model, as it differs noticeably from units seen advertised. No checkout as some of the power wiring has me a bit confused. Everything looks complete and in good shape Ext. appearance good. 1936
$35.00



National NC-44 1939 7 tubes 4 bands .55-46mc. Good g.c. rcvr. rf & af gain controls, cwo, avc. Clean set, apparently needs tube as reception a bit weak.
$35.00

Orig. plug-in coils for National 1-10 C1-C2-D1-D2 only $3.00 ea. ppd.

954 acorn triodes. New $2.00 ea. ppd.

General Radio 419E rectifier type wave meter. Mid-thirties Needs tube. $20.00

Tom Rutherford
2 Stearns Ave.
Townsend, Mass.
01469.

BOOKS prices ppd.

Maintenance/parts AN/Frr 37 Rcvr	$7.00
Inst. man. TMS-1 LF Xmtr	$7.00
Inst. man. AN/URA8E & CV89A/URA8A freq. shift converter	$7.00
Inst. man. KY58/GRT & KY75/SRT Keyer	$7.00
Sylvania Eng. Tube data 5 vol. 50's &60's	$29.00
G.E. Eng. Tube data, 4 vol. 50's	$24.00
RCA Eng. Tube data 9 vol tubes, 2 vol semiconductors 30's-50's	$40.00

Shipping- All receivers and transmitters will be shipped by truck, charges collect. A $7.00 charge should be added to cover the cost of plywood, the only way to get things moved in one piece. Smaller items will be shipped either UPS or Parcel Post, charges collect, excepting those indicated as postpaid (ppd). PRICES- I feel that the prices shown are fair for the equipment described, but I will remain open to reasonable offers.

Rates for THE HORN SPEAKER
One year.....$5.50
Two years.....$11.00
Special rates for one year
(mailed in envelope)
First class.....$10.00
Foreign Air Mail...$16.00

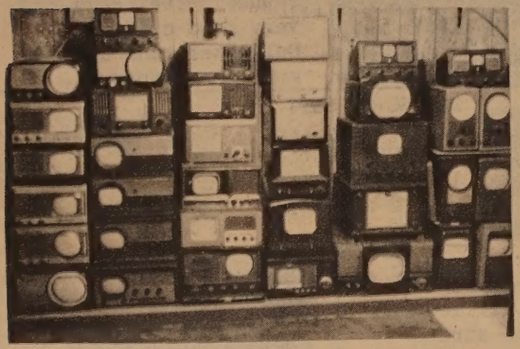
mart

Classified ad rate: 6¢ per word.
Photo ads: $2.00 extra.

Deadline: 20th of the preceding month.

PHOTO ADS ONLY $2.00 EXTRA

FOR SALE OR TRADE



Antique televisions, large selections. Send $1.00 for list. Chuck, 925 Starlite, Grants Pass OR 97526. Call (503) 479-1078.

FOR SALE: Scott 800B, 2 chassis & Co-ax speaker, complete, AM, FM, SW.
2 - Transoceanic, cowhide, 1 tube, 1 transistor.
1 - RCA 9 band part, tube type cowhide.
Hundreds of New Merit TV coils & transformers for older TV sets RF, IF, sweep-original boxes.
Old Stewart Warner wood table set 2 band (AC), all work fine,
Portables look almost like new.
W. H. Edwards, 14, 442 Minetta, Houston TX 77035.

FOR SALE: Signal Corps U. S. Army airplane radio transmitting and receiving set type SCR 68 last patent date Oct. 23, 1917 - looks good set only no tubes or accessories $365. Sterling R510 testor - works and nice $210; Sterling R403 OK $110. Marathon 608 tubes $10 each, DeForest 802 and several 401 & 403's $25 each. 1940's projection television complete and works, will not ship $500. All other items PP UPS. Steve Sideroff, Route 1, Marlboro N.J. 07746. Telephone; 201 462-7987.

FOR SALE OR TRADE

FOR SALE AND TRADE: AK-9, average condition. AK-20, long with horn. "Star" talking machine, outside horn (up from Mexico) $375.00. Edison Horn - "Triumph," long, no dents $175.00. 1932 6 Reel Talkie, "Midnight Morals: 35mm. $200.00. TRADES: Wurlitzer 780 Colonial Juke for nice 1015 plus? RCA Ribbon Mike (C 1932 "Bomb" type) for condenser with peanut tube or other pro mikes. WANT: "Audak" Horseshoe magnet pick-ups, Capehart phono with 15" Jensen speaker, case for Seeburg "Eagle" Nickelodeon, 30's recording lathe, 16" shellac movie or radio discs, 1920's Jazz record collection. Wally Wood, 1276-E, So. Coast Hwy., Laguna Beach CA 92651. Phone: (714) 497-1618 W - Sun.

FOR SALE: RCA AR-785 Aircraft receiver uses five WE-215A tubes, Pilot TV mint with original carrying case, Hallicrafters TV, Artophone 3 tube-interesting, Arvin Hopalong Cassidy AC set, Federal K-60 AC set, Edison Home Cylinder phono. Send SASE for more information. Richard Cane, 8391 N.W. 21St. Sunrise FL 33322.

FOR SALE: Atwater Kent model 37 (1920's) excellent appearance and complete (tubes, etc.). But top cover of housing missing. Not working. $20 plus UPS shipping. Linas Balsys, 33 Phoenix Ave., Naugatuck CT 06770. Phone 203 729-9708 evenings.

FOR SALE; A.C. Radios of the 1930's sold on best offer basis. Send SASE for list.
WANT: A.K. chassis model 228 for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471. ....

FOR SALE: Various earlier Riders (No. 1 or 2); #1 thru #10 index; tubes (new) -6D6 era, mostly; other parts, etc. SASE. Christian R. Fandt, 111 Harding Ave., Jamestown N.Y. 14701.

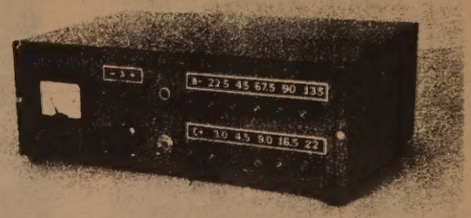
FOR SALE: A.C. Radios of the 1930's. Sold on best offer basis. Send SASE for list.
WANT AK chassis model 228, for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471.

FOR SALE: Radios, speakers, tubes, magazines, test equipment, parts, list 3M79 50¢ plus large SASE with 2-15¢ stamps. Krants, 100 Osage Ave., Somerdale N.J. 08083. ..

FOR SALE: A few duplicate 5 tube TRF battery receivers, list SASE. Also new UX-30 and VT-24/864 tubes $4. each or six for $20. plus $1.50 shipping. WANTED, Box 2478, Gainesville GA 30501. ,

FOR SALE: 11 radios from 1928 to 1945 including rare "Musette" Cathedral. All for $400.00 SASE for list. Michael, P.O. Box 2436, San Jose CA 95109.

FOR SALE OR TRADE



FOR SALE: Solid State "A", "B" and "C" power supply for operation of 1920's battery radios. Price $109.50 postage paid. Send SASE for information to: Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts, OH 44130.
NOTICE: This is to clarify a statement made by my power supply competitor in regards that his supply puts out "less ripple" than does mine. As of November 1978 my supplies have been improved (at no price increase) and his statement no longer is true. My customer satisfaction speaks for itself, I do not have to resort to slandering! Thank you,
Gary B. Schneider.

FOR SALE: Rider's Radio Vols. 7, 9, 11 thru 16, $15.00 ea., Riders TV Vol. 1, $12.00. Radiola III (looks good, not tested) $85.00. Meissner Radio Analyist $35.00; Hickock Trace ometer $75.00; Rider-RCA channelist $75.00; RCA 3" Scope (circa 1934) $35.00; usable (weak) 3KP4 tube $25. AK E.M. Speakers, other items. Jim Farago, P.O. Box 335, So. St. Paul MN 55075.

ATWATER KENT replicas, switches $10. Front plates for T11 tuners and variometers $8.50, thumb nuts 50¢, single tube socket base $5.00. Pulleys for brass belts. Zenith 3R-4R pointers, knobs large and small. Any dial, knob, push button for any radio. Write, WD11 or UV99 adaptors $4.50. K. Parry, 17557 Horace, Granada Hills CA 91344.

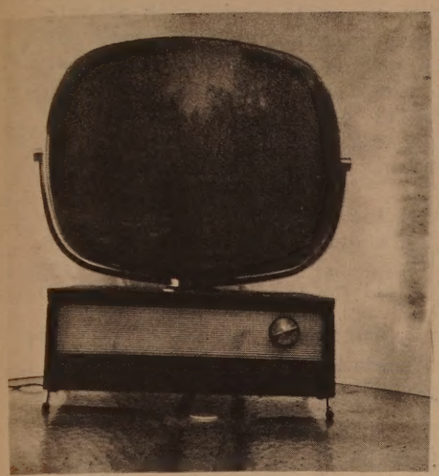
FOR TRADE: Unusual detector stand on marble base, heavy nickel plated components. Want RCA DB detector stane, GE FR753 or Heliphone Xtal set. Norm Hertz, 186 Kensington St., Brooklyn N.Y. 11235. (212) 332-4373.

OVER 100 early battery & A.C. radios, phonographs (cyl. & disc) & tubes and speakers. You pickup, no shipping. Dexter, 104 North Ave., Abington MA 02351, Tel: 617 878-3177.

FOR SALE: Beautiful A. C. Cathedral radios, with tubes, working, Philco 16-B, Traveler K, $65. each. Crosley SHOWBOX with tubes, working, $40. Atwater Kents, parts, magazines. Send SASE to Arthur Harrison, 1021 Falcon Drive, Columbia, Missouri 65201.

FOR SALE: High-voltage capacitors for Hallicrafters 7-inch television sets. Send SASE for information.
C. H. Sarver, 256 West 88th St., New York NY 10024.

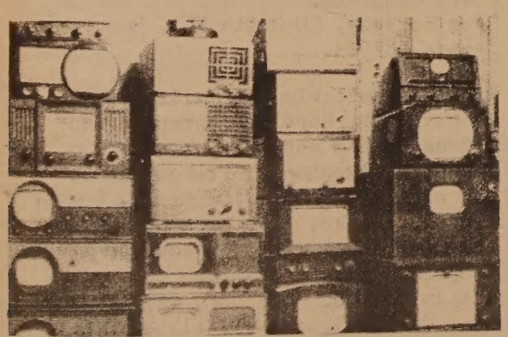
FOR SALE OR TRADE



PHILCO "PREDICTA" television (model G4242). A unique design that was years ahead of its time. Excellent running condition. $95. plus shipping. (Also available, a non-functioning but repairable one for $25.)
Alan Smith, Stonehedge, Lincoln, MA 01773. Ph: 617 259-9351.

SALE: Radios, speakers, test equipment. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE: Battery cable. In addition to the 10 conductor cable we sell we now have an authentic four conductor cable. Each conductor is cloth insulated and of a different color. Both cable types are housed in a brown cloth knitted sheath. The cost of either cable type is 75¢/ft. plus shipping. Order from Olde Tyme Radio Co., 2445 Lyttonsville Rd., Silver Spring MD 20910.



ANTIQUE T.V's from 1930s - 1940s. Large quanity. Send $1.00 for list. Chuck, 925 Starlite, Grants Pass, Oregon 97526. Call 503 476-1078. Also have over twenty radios from 1930s, consider any offer on these by phone.

FOR SALE OR TRADE: Radiola AC 2-stage AMP (metal tag)-$125., Clapp-Eastham Radak D.D - $125., small loose coupler - $85., Music Master Horn - $75., U21325 Horn - $45., other items. Send SASE. N. Hertz, 186 Kensington St., Brooklyn N.Y. 11235. (212) 332-4373.

FOR SALE OR TRADE

Photo ads: $2.00 extra.

FOR SALE OR TRADE: No. 1, 2 and 3 QST magazines and Edison Home Phonograph - will trade for antique radio gear. Also Fleming Valve. Paul Giganti, 2429 San Carlos Ave., San Carlos CA 94070.

FOR SALE: 1926-48 reproduced schematics. Alignment procedures available free. T.V. schematics also available. Quick quality over night service. Send $2.00 each to: J. S. Antaki, Antakamatics, 311 Bear Ridge Rd., Pleasantville NY 10570.

FOR SALE: Battery and A/C sets, horns and speakers, few mags and books, some test equipment. SASE for list. A. Patscheck, Box 195, Wimbledon N.D. 58492.

FOR SALE: Brunswick-Blake-Collender Company "Vltona" tone arm with head, has three position, three needles. Kenneth Lappin, Lappin Radio, 210 N. Goodwin, Urbana IL 61801.

FOR SALE: Diamond needles for any phonograph. $5.00 each postpaid. Send make and model number of phonograph and old needle if possible. Keith Electronics, 209 Bellefonte Ave., Lock Haven PA 17745...

FOR SALE NEW TUBES: BH Rectifier $8.; 205 (VT2) Bakelite base $15.; 211C (VT4C) $20.; 215A (VT5) $12.; 231D (Exact replacement for UX199 or UX120) $12. Walter Smartt, 124 Mitchell Dr., Lookout Mountain TN 37350. Phone: 615 821-6953 8pm to 11pm.

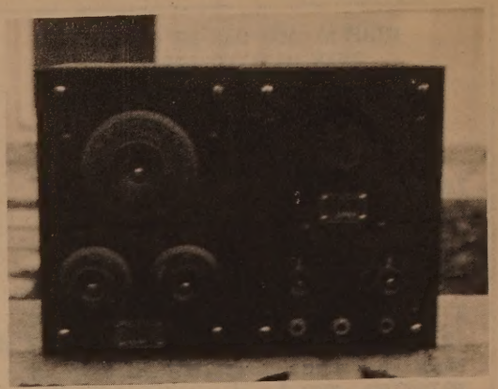
FOR SALE: Send SASE for list of 1920's tubes, parts, magazines and other items of my usual goodies. List to be mailed early January. Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts., OH 44130.

FOR SALE: Old Radios, speakers, etc. Sale or trade. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE: All (8 pcs.) potmetal parts for Victor 10-50 - 1051, 1070 & 955. Cast as original, in bronze and aluminum. Have gears and and potmetal part for tone arm on 940 & 860. Material for turntable. SASE for prices.
Tony Provenzano, 144 W. Prospect St. Waldwick N.J. 07463. 201 445-7898.

ANTIQUE T.V.s From 1930s - 1940s. Large quanity send $1.00 for list. Chuck, 925 Starlite, Grants Pass, Oregon 97526. Call 503 476-1078. Also have over twenty radios from 1930s, consider any offer on these by phone.

FOR SALE OR TRADE

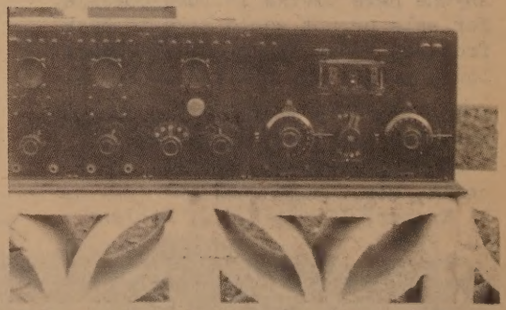


Westinghouse R.A.D.A. $275.00 or best offer. Also large quantity of 1920's or 1930's radios for sale or trade. Send $1.00 for list. Chuck, 925 Starlite, Grants Pass OR 97526. Call (503) 479-1078.

FOR SALE: Old battery and A.C radios, related items etc., dial lite hoods made for Radiola 17 and 18. SASE + 15¢ stamp for information and lists. WANTED: 3" - 4" Marco vernier dials. Franklin Haas, 207 West 30th, Hutchinson, Kansas 67501.

FOR SALE:
Antique 4-conductor battery cable, original all colth insulation .75/ft.
(We will soon be receiving a new stock of all cloth 6-conductor battery cable. Watch for our ad).
175KC IF transformers $3.50 ea.
175KC Osc coils 3.00 ea.
8uf/450V screw base capacitors $2.50ea.
Power transformers - Pri: 117VAC, Sec: 1) 350-0-350V @ 70 ma., 2)6.3V @ 1.5A s) 5.0V @ 2.0A $9.50.
All of the above is plus shipping and is new Oldetyme radio merchandise. Order from Olde Tyme Radio Co., 2445 Lyttonsville Rd., Silver Spring MD 20910.

FOR SALE: Paper condensers; .00025, .0005, .001, .002, .003, .004, .02, .04, .06 at 600V, $1.00 per dozen. Daniel Gaidosz, 342 West River Rd., Orange CT 06477.



DeForest inner-panel: see page 83 "Vintage Radio" $850.00 or trade for outside horn phonographs. Chuck (503) 479 1078.

SELL BATTERY AND ELECTRIC RADIOS for the new collector. Also radio books, magazines and tubes. SASE for radio or publication list. Radio Americana, Box 161, West Hurley N.Y. 12491.

DISPLAY ADS CAN BE CHEAPER
THAN MAILING LISTS

YOU ARE THE ONE WHOM WE
WANT TO HELP

LET US DO THE MAILING

DID YOU KNOW THAT FOR ONLY $50.00 YOU CAN BUY ONE FULL PAGE AD 10-1/8" X 13-3/8" THE EQUIVALENT OF SENDING IN POSTAGE ONLY ~~385~~ 333 PIECES @ ~~23¢~~ 15¢ EACH (NOT EVEN COUNTING THE COST OF PRINTING, ETC.)

1/2 PAGE IS $25.00 6-5/8" X 10-1/8" or 5" X 13-3/8" THE EQUIVALENT OF SENDING ONLY ~~192~~ 166 PIECES @ ~~13¢~~ 15¢

1/4 PAGE IS $12.50 THE EQUIVALENT OF OF SENDING ~~96~~ 83 ENVELOPES

ADS MUST BE GOOD ENOUGH FOR OFFSET REPRODUCTION
EXTRA CHARGES IF AD DOES NOT FIT PURCHASED SPACE.

THE HORN SPEAKER
9820 Silver Meadow Dr.
Dallas TX 75217
(214) 286 1673

FOR SALE OR TRADE

WOULD TRADE some good used UX201A tubes for good used UX199 & UX120. Jack Emery, Box 84, Lexington, Michigan 48450.

FOR SALE - Collection of 25 radios of 20s and 30s, Grebe, Music Master, Radiola, early electrics, speakers, also four nice phonographs, all for $950. or offer. SASE for list. SALE OR TRADE - Rider Radio Vol. 1-5 abridged, 11, 12, 14, 15, 16, 18, PA 1. Want Vol. 1, 2, 3 and 9. Anyone have Ozarka 16 tube chassis? For sale or not would like to hear from you. Ray Miner, Ft. Madison, Iowa 52637. Ph: 319 372-1271.

FOR SALE: A few radios (AC and Battery) and much miscellaneous including speakers, phones, spark coils, etc. Send SASE to: R. Kramer, 103 High St., Ashland OR 97520.

FOR SALE: ELMAC PMR6A mobile receiver, power supply and manual, $25.00; nice Crosley Dynacone speaker, $20.00; Crosley 50 needing dial and minor cabinet repair, $30.00; Radiodyne WC-17, nice but warped lid, $50.00. Add postage. George Hausske, 1922 E. Indiana St., Wheaton IL 60187.

FOR SALE OR TRADE: Battery sets, parts etc., Large list SASE and dime. Chet Wisner, 1014 Main St., Dalton MA 01226.

FOR SALE OR TRADE

FOR SALE: Antique Polaroid Camera, model 110B. Has Compur shutter 1 sec. to 1/300sec. and f4.7 lense. Camera is complete eith wink lite and case and is in excellent condition. $70.00 plus shipping. Order from Olde Tyme Radio Co., 2445 Lyttonsville Rd., Silver Spring MD 20910.

WANTED

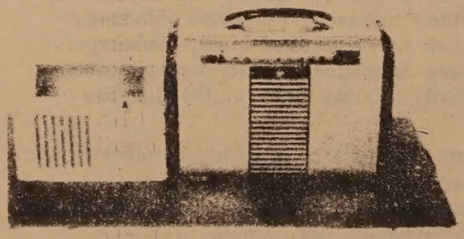
WANTED: Philco model 90 Cathedral in good restorable condition. Want power supply cover for AK 40. Want wiper arm and good transformer for Radiola III. Gene Densmore, 2125 Cambridge Drive, Tallahassee, FL 32304. Phone; 904 576-2125....

QST's WANTED 1939 thru 1962 complete or partial. Must be in good condition with covers. Also need 1920 thru 1922. Write: WA5YXA, 6621 Duffield, Dallas TX 75248...

WANTED: Grebe CR05 or Syncrophone t: tube socket and filament rheostat with thumbwheel. Will buy any parts available. Contact S. Wolf, 15 Soldiers Field Place, Boston MA 02135. Phone: (617) 787-2800..

WANTED: For Tuska 225 schematic, pencil sketch OK. Also 2 audio transformers. For David Grimes 5-D-1 audio transformer. Herb Balmer, 610 N. 14, Marysville KS 66508.

WANTED: Jukebox parts, service manuals, Rider's radio Vols. 1-3, Vogue picture records, will swap. Jim Farago, P.O. Box 335, So. St. Paul MN 55075.



WANTED: 1948 Mitchell "Lullaby Bed-Lamp" radio (Models 1250 or 1251) and 1948 RCA portable (Model 8BX6) Any condition. See photo. Write Mike Hanke, 1036 So. 15th Ave., Wausau WI 54401.

WANTED: Tubes for restoration of Brunswick - Radiola; UV-886 ballast tube, Screw type base. UX-210 and UX-199's. Please state price or have early tubes & parts for trade. Jim Norwood, 115 Hemlock Circle, West Monroe LA 71291.

WANTED: Suitcase portables from 20's & 30's; also unusual early AC sets, X99 tubes. Cash or trade. Rosenthal, 507 S. Maryland Ave., Wilmington, Dela. 19804.

WANTED

WANTED: Crystal, knobs with plastic pointers intact and tech manual for Hallicrafters SX 16 Super Skyrider. Also need tech manual for BC-640B transmitter. Ray Chase, 1350 Marlborough Ave., Plainfield N.J. 07060.

WANTED: Lid or complete cabinet for Grebe Synchrophase, lid for A-K #20 "Big Box," cabinet for A-K #20 (small model), Metal lid for AK #40. Battery compartment covers for Radiola VII. Also want old HI-FI & professional audio equipment. VanDyke 516 728-1327.

WANTED: Radio broadcast equipment, RCA OP-5 WE 22 Field amplifiers, microphones WE carbon 600-A, 630, 633, Dinamic, 639 Cardioid, 618-A Dinamic. RCA condenser, 44-BX ribbon. Remler condensed. Ralph Maddox, Purgitsville W. VA 26852..

WANTED: Electromedical shock machines. Contact Richard B. Jehlik, General Delivery, Handel, Saskatchewan Canada SOK 1YO. Phone 306 658-4230.

WANTED: 1 tube, or 4 tube regen. set. Also type '199, or '30 type tubes, new or used. L. Orluske, 9131 Russell Ave., Mpls., MN 55431.

WANTED: Philco 90B Cathedral and Atwater Kent 80 Cathedral. Also need one small knob for Philco 20B. Charles Green, 3309-24, Great Bend KS 67530....

WANTED: Spark transmitter complete, any type, also Atwater Kent Breadboard complete. Rich Baragia, 50 Butte Pl., Reno, Nevada 89503.

WANTED: Reliable specialists want to buy early horn phonographs (Zonophone, Queen Busy Bee, Victor, Edison, Talkophone, Graphophone etc.) and pre-1924 radios (DeForest, Grebe, Kennedy, Tuska, Atwater Kent, Radiola etc). Rapid payment and confidentiality assured. Please describe and price. 1 item or 100. MUSIQUE, 129 Howell St., Canandaigua N.Y. 14424.

WANTED: TELEVISION LAMPS, RAYTHEON KINO, TELION TV TUBE, ARGCO TV TUBE, CRATERTON, REFLECTRON, DEFOREST VISION 601, 602, 668. Darcy Brownrigg, Chelsea, Quebec, JOX 1NO Canada.

WANTED: Sams AR series numbers auto radio 8, 9, 13, 17. Will pay cash. Also interested in original radio owners manuals. Marvin Roth, 14500 LaBelle, Oak Park MI 48237.

WANTED: Schematic, chassis, parts for Crosley 5-50. Escutcheon plate antenna switch & knobs, Radiola 16. A. Korte, 772 Dalby Dr., Las Vegas, New Mexico 87701.

ads WANTED

WANTED: Crosley "Harko Signor" or "Ace" 1 tube 1922 or 23? Like a model "50" but little longer case in good or better condition. Information to: Troy Cantrell, 331 North Stine Road, Bakersfield, California 93309.

CATHEDRALS WANTED: Restorable AC sets. Also the following in working or restorable condition: Edison R4 radio, Edison radio/phono models C1, C2, C3 and C4 (consoles), Radiols III amp and Models II, 20, 24 and 26, Zenith 3R and 4R, AK Bread Boards (particularly 5 and 9) DeForest D7, 10 and 12. Please send price and description. Also looking for RADIO NEWS, Mar., July and Sept. 1926.
Pat O'Hern, Box 55456, Houston, Texas 77055.

WANTED: Western Electric 1-B and 2-C receivers; also Columbia phonograph, floor console model using 1-226, 1-210 and 2-281's with the 14-inch Kolster dynamic speaker, made circa 1927-8. Also home-entertainment radio-phonographs made through 1940's that are equipped with automatic record changers. Please describe and state price in first letter, and include snapshot if possible.
Curtiss R. Schafer, George's Hill Road, Newtown, Connecticut 06470.

WANTED: RCA Radiola 20, Kennedy, Gilfillan, Pilot Super Wasp, AK, AC Dayton XL 25, Grebe Synchrophase, Cathedral and other pre-1935 table radios; Vintage horn or cone loudspeakers, headphones and tubes. Please state model, condition and price with reply. Dave Pearce 673 Sylvan Ave., North Vancouver, B. C. Canada V7R 2E8.

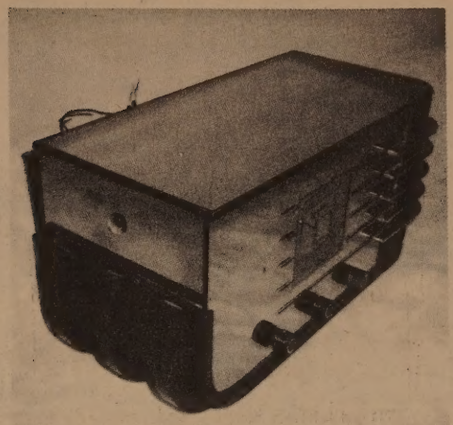
WANTED: Electric pickup, high impedence for 1926 or 1927 Victor Electrola or Brunswick phonograph. Bob Scott, P.O. Box 1694, Wayne, N.J. 07470. Phone: 201 696-1278.

WANTED: Atwater Kent type 11 tuner. Have other early AKBB parts for trade including rare pair of good AKBB audio transformers #3509. Also early horns, speakers, tubes, parts etc. to trade or will buy.
Bill Pugh, 2126 E. Myrtle, Phoenix AZ 85020. Tel: 602 943-6782.

WANTED: Wood table model plug-in radios, especially Cathedrals. Also outside horn phonographs, music boxes, needle tins, record dusters, catalogs, etc. Lloyd, 4618 Adams St., Hollywood FL 33021.

WANTED: TUNING DIAL FOR A VICTOR R-32. Dave Bittner, 11761 Coleman St., Manassas VA 22110.

WANTED



WANTED - DEAD OR ALIVE: "The Mirrored Gang." Leaders; The Radio Brothers - Mr. Table and Mr. Floor Model. Other known members of the gang: Doc Clock and Wiley Picture Frame. Discription: Reliable witnesses have reported this gang operating with many disguises. Their known colors are blue, green and peach. They have appeared in various shapes: round, rectangular and kidney. They have been know to carry chrome and wood accessories. REWARD. Contact Barbara, Box 1252, Main Office, Dayton, Ohio 45401. (513) 253-5073 eves.

WANTED: Radiola 24 cabinet lid or parts set. Grebe Synch 7: Has anybody replicated the pot metal end pieces for the SLF tuning condensers? Need WD11 duds (brakelite base). Need original owners manuals for any make. Jerry Newton, Rt. 1, Box 262, Woodland CA 95695.

WANTED: Power pack & ampl. chassis for Radiola 67 complete with good xfmrs. or will buy or trade for complete radio. Cabinet unimportant. Jim Pollard, 4107 Loma Alta Dr., San Diego CA 92115.

WANTED: Old electro-medical (quack) machines like induction-coil shock devices, ozone generators, electric belts, violet ray. Wanted also spark-gap diathermy and old X-ray. O. Lindan, 1404 Dorsh Road, Cleveland OH 44121. (216) 382-7113 evenings.

WANTED: Some traditional style two-conductor speaker cords with phone tips one end.
TC-610 adapter for B & K model 550 tube tester and/or schematic.
David W. Brower, 236 Welsh St., Camden S.C. 29020.

WANTED: 1933 Emerson Mickey Mouse radio. Write or call collect. Les Sims, 5551 W. Lover's Lane, Dallas TX 75209. Ph: 214 352-9757.

WANTED: Always buying car radios, parts and literature of the 30s, 40s and 50s. Please price and describe. Especially wanted, Ford 1930s models. Cash paid. Marvin Roth, 14500 La-Belle, Oak Park MI 48237.

WANTED

WANTED: Any quantity of #22/24 DCC Magnet Wire. Bob, W6ME, 4178 Chasin Street, Oceanside CA 92054.

WANTED: 1939 television receivers, especially RCA TRK5. Highest price paid. Call 213 463-1846 collect anytime.

WANTED: Western-Electric microphones; 639 (Birdcage), 633 (Saltshaker), or Eightball. E. D. McDonald, 922 Tanglevine, Dallas TX 75238.

WANTED: Riders Vol. 15, must contain all Scott pages 15-1 thru 15-50. Cash or have Riders Vols 14 - 12 - 9 - 8 - 7 - 6 for trade. Need escutcheon plates including dial escutcheon for Scott A. W. 15.
J. Cunningham, 675 W. Ardmore, Roselle IL 60172. 312 894-2370.

WANTED: Driver for A-K, model H horn speaker and A.F.T.s for A-K model 20 compact. If originals not available, would like replacements to fit in original cans.
Lane Poulter, 6344 Garwood Ave., Las Vegas NV 89107.

WANTED: Dial Bezel for Zenith 6V27 "Farm" Radio. Uses 6½" glass. Please send drawing and price first letter.
Mark Oppat, 31800 Balmoral Dr., Livonia MI 48154.

WANTED: Dial knob for RCA Victor model 551/552 (page 161 "Flick O' Switch"). Any and all service and advertising material desired.
Darcy Brownrigg, Chelsea, Quebec, JOX 1NO Canada.

WANTED: Will buy small spark gap, side swiper key, any commercial crystal detector stands. Need complete carborundum unit.
WA4NED, Box 2478, Gainesville GA 30501.

WIRE RECORDERS: Brush, Bell, Armour wanted. Have radio items for trade.
H. Layer, AV-SFSU, 1600 Holloway, San Francisco CA 94132.

WANTED: Majestic model 91 chassis and speaker, or complete radio if price is reasonable. Will buy outright or barter equal value in restoration work. Vintage Restorations, 1422 Carter Hill Rd., Montgomery AL 36106 Tel: 205 263-6750.

WANTED: "Radio News" for March 1925, also "Radio News" for all months of 1922 - all with covers.
Albert Warren, Box 279, Church St., Waverly PA 18471.

WANTED: Spark type Diathermy Machines or gaps from same. Condition unimportant as long as gaps intact.
Bob, W6ME, 4178 Chasin St., Oceanside, Calif. 92054.

PUETT ELECTRONICS

PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS &
THE CLASSIC RADIO NEWSLETTER

LIST No. 18

how to order: (1) Make all checks or money orders payable to PUETT ELECTRONICS. All payments must be in U.S. funds and negotiable without payment of a bank collection fee. Money orders issued by post offices in certain countries (Canada for example) are acceptable if they can be cashed in a U.S. post office.

(2) ALL ITEMS ARE POSTPAID AND ALL SHIPMENTS ARE INSURED when ordered at the prices listed herein (in list No. 18) or in our new catalog No. 18. The scarcity of many antique radio tube types and the increasing cost of paper and printing has made it necessary for us to increase the prices of many items which we regularly stock. We will, however, accept orders from our obsolete price list No. 17 and catalog No. 17 until 30 April 1979. Customers who order from the obsolete list No. 17 or catalog No. 17 must include postage, handling & insurance charges as instructed in the obsolete list or catalog.

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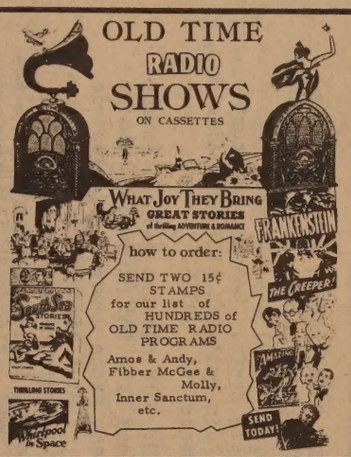
2A5	$5	6J5	$4	7A5	$4	12K7	$5	42	$5	89	$5
						12Q7	$5	43	$5	117L7	$6
						12AS7	$4	44	$4	117Z3	$4
						12SG7	$4	45	$7	117Z6	$5
						12SK7	$4	46	$5		
						12SQ7	$4	47	$8		
						14A7	$5	50	$8		



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Booklets listed in(1) thru (5) below are $2. each, 3 for $5., 4 for $6. or 5 for $7.

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(2) The Complete Restoration of Battery Powered Antique Radios by J. W. F. Puett
(3) The Complete Restoration of AC Powered Antique Radios by J. W. F. Puett
(4) When Was That Old Tube Made? by James R. Wilkins
(5) Antique Radio Tube Substitution by J. W. F. Puett
(6) SILVER GHOSTS by J. W. F. Puett (history of E. H. Scott) $8.95
(7) THE CLASSIC RADIO COLLECTORS HANDBOOK by J. W. F. Puett $10.00
(8) THE APPRAISAL OF ANTIQUE RADIOS by J. W. F. Puett $4.95
(9) The Antique Radio Services List (dealers and service organizations all over the U.S.A. who can help an antique radio collector) $2.00
(10) The PUETT ELECTRONICS Super Antenna - Ground System Plans $2.00
(11) Cross Reference List of Military vs. Commercial Tube Type Numbers $1.00

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WE HAVE SCHEMATICS FOR NEARLY ANY ANTIQUE RADIO RECEIVER! Send name of manufacturer & model number of set - $1.50 postpaid. Without name of mfg. and/or model No. we will search our files for $3.00, but we must have a sketch of top of chassis showing type numbers and location of all tubes and location of front panel & dial.

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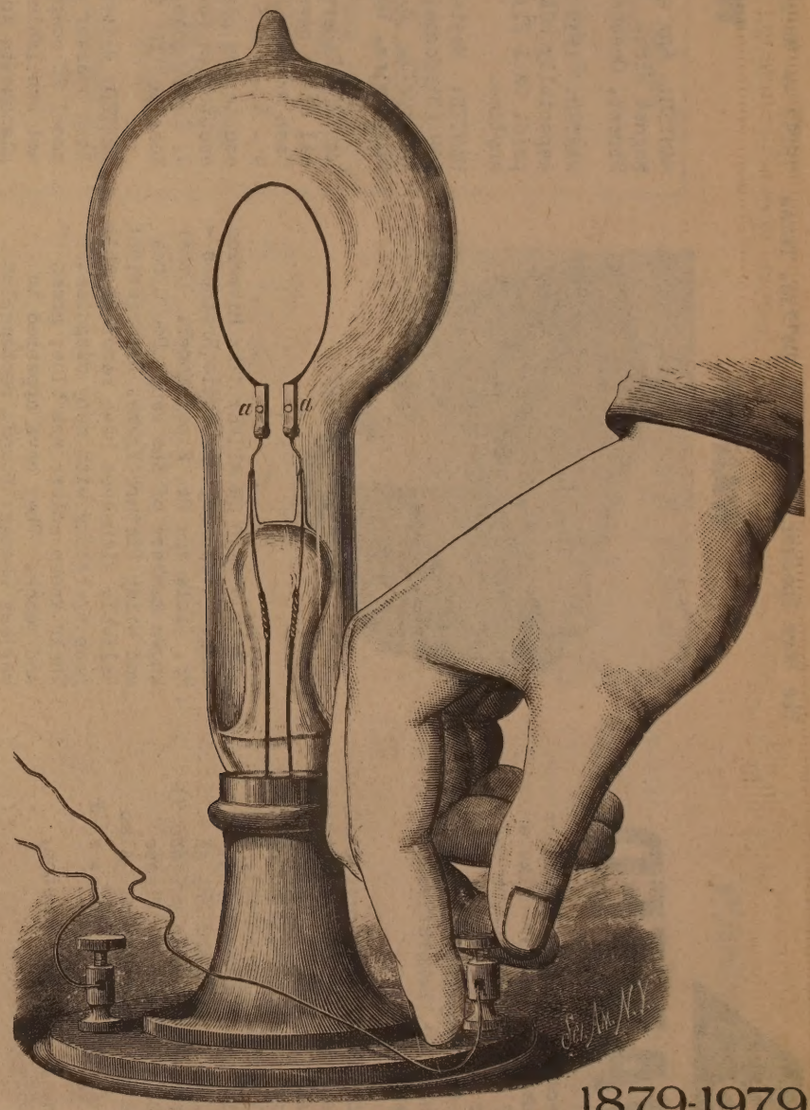

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